

Abstract

Supply module for feeding electrical components to an automatic component-mounting machine

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The supply module (2) has a locking element (7) which is designed as a piezoceramic bending transducer and that extends in the longitudinal direction of the supply module (2) along a supply path for components (5). A free end of the locking element (7) projects into a window of the supply module (2) to an extent such that said locking element is located slightly above the component (5) which has been conveyed there and is ready for collection. By applying an operating voltage to the locking element (7), said locking element can be deflected laterally to an extent such that it is moved out of the coverage region of the component (5) transversally with respect to the advancing direction.

This considerably simplifies the locking and release of the component.

Figure 3

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